

Phone: (973) 292-8911 Fax: (973) 292-8697 August 31, 2020

T-Mobile / MetroPCS Tracking ID: 2823227

I, Deisi Franco, attest, under penalty of perjury under the laws of the United States of America pursuant to 28 U.S.C. Section 1746, that the information contained in this declaration is true and correct. I am a United States citizen and am over eighteen years of age.

I am employed by T-Mobile US, Inc. (hereinafter, "the Company") as a custodian of records and therefore am qualified as a result of my position to make this declaration. My official title is Custodian of Records.

I certify that all of the records described below and attached hereto are duplicates of the original and are true and complete copies of records maintained by the Company. Said records consist of several electronic files produced in T-Mobile US, Inc. Case No.2823227 in response to a lawful request issued to the company.

# Description of records:

MSISDN/Identifier	Start Date	End Date	Requested Item
2673108421	07/23/2019	07/26/2019	Call Details With Cell Sites

#### I further state that:

- A) Such records were made at or near the time of the occurrence of the matters set forth by (or from information transmitted by) a person with knowledge of those matters;
- B) Such records were kept in the course of regularly conducted business activity;
- C) The business activity made such records as a regular practice; and
- D) If such record is not the original, such record is a duplicate of the original.

This certification is intended to satisfy Rules 803(6), 902(11), 902(13) and / or 902(14) of the Federal Rules of Evidence and / or any state equivalents.

I hereby certify that the foregoing statement made by me is true. I understand that if any of the statements made by me herein are willfully false, I am subject to punishment.

Sincerely

Law Enforcement Relations Group

#### Information Provided To:

T··Mobile∗

 Agency:
 Civil Attorney

 Requestor:
 DAVID JOKELSON

 Agent Address:
 JOKELSON LAW GROUP PC

 Billing City, State, Zip:
 PHILA, PA 19102-0000

 Provided On:
 July 15, 2020

Request Submission Response

This is in response to the Court Order, 20-cv-01926, dated July 01, 2020, which was served upon T-Mobile US, Inc. You have requested information for the subscriber associated with MSISDN: 2673108421. All times below are reflected in Coordinated Universal Time (UTC). The records produced are the equivalent of the specific time frame requested: 07/23/2019 12:00:00 AM - 07/25/2019 11:59:59 PM Eastern Standard Time.

Date Time Duratio				Dialed Number		Destination	IMSI	IMEI	Completion Code	Service Code	Switch Name	1st LTE Site	1st LTE	1st LAC	1st Cell ID 1st Tox		wer LAT 1	st Tower LONG	1st Tower Address	1st Tower City			Last LTE Site Last LTE Last LAC ID Last Cell ID Last Tower Last Tower LAST Tower Last Tower Address Last Tower City Last Last Tower
2019-07-23 06:34:38 1	mtc	Incoming	12673386653	12673108421	12673108421	Number 12673108421	310260072738688	356571084840190	Completed Successfully	02A;11	CTTAS202	ID 40451	Sector ID		Azimu 300	40.0	69396	-75.02978	2555 Welsh Rd	Philadelphia	State PA	19152	ID Sector ID Azimuth LONG Tower Zip
2019-07-23 06:35:11 1 2019-07-23 12:26:52	moc SMSC	Outgoing	12673386653 17324107217	18056377249	18056377249 12673108421	14699829999	310260072738688	356571084840190	Completed Successfully Completed Successfully	02A	CTTAS202 mavsms_pol02	40451	3		300	40.0	69396	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152	
2019-07-23 12:37:28 2019-07-23 12:37:29	SMSC SMSC		16102996216 16102996216		12673108421 12673108421				Completed Successfully Completed Successfully		mavsms_pol02 mavsms_pol02												
2019-07-23 13:30:42 12 2019-07-23 13:31:15 12	mtc moc	Incoming Outgoing	12673978292 12673978292	12673108421 18056377249	12673108421 18056377249	12673108421 14699829999	310260072738688 310260072738688	356571084840190 356571084840190	Completed Successfully Completed Successfully	02A;11 02A	CTTAS202 CTTAS202	40451 40451	3		300 300		69396 69396	-75.02978 -75.02978	2555 Welsh Rd 2555 Welsh Rd	Philadelphia Philadelphia	PA PA	19152 19152	
2019-07-23 14:24:28 7 2019-07-23 14:24:32 7	mtc moc	Incoming Outgoing	18182756311 18182756311	12673108421 18056377249	12673108421 18056377249	12673108421 14699829999	310260072738688 310260072738688	356571084840190 356571084840190	Completed Successfully Completed Successfully	029;11 29	CTTAS202 CTTAS202	40451 40451	3		300 300		69396 69396	-75.02978 -75.02978	2555 Welsh Rd 2555 Welsh Rd	Philadelphia Philadelphia	PA PA	19152 19152	
2019-07-23 14:24:43 53 2019-07-23 14:24:45 53	mtc moc	Incoming	18182756311 18182756311	12673108421 18056377249	12673108421 18056377249	12673108421 14699829999	310260072738688 310260072738688	356571084840190 356571084840190	Completed Successfully Completed Successfully	029;11 29	CTTAS202 CTTAS202	40451 40451	3		300 300	40.0	69396 69396	-75.02978 -75.02978	2555 Welsh Rd 2555 Welsh Rd	Philadelphia Philadelphia	PA PA	19152 19152	
2019-07-23 14:25:41	SMSC	Outgoing	128		12673108421				Completed Successfully	29	mavsms_pol02		-										
2019-07-23 18:33:15 2 2019-07-23 18:53:08	moc SMSC	Outgoing	12673108421 16102996216	12673978292	12673978292 12673108421	12673978292	310260072738688	3565/1084840190	Completed Successfully Completed Successfully		CTTAS202 mavsms_pol02	40451	3		300	40.0	69396	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152	
2019-07-23 18:53:09 2019-07-23 18:55:30	SMSC SMSC		16102996216 12673108421		12673108421 16102996216				Completed Successfully Completed Successfully		mavsms_pol02 mavsms_pol01												
2019-07-23 18:57:53 2019-07-23 18:58:32	SMSC SMSC		16102996216 12673108421		12673108421 16102996216				Completed Successfully Completed Successfully		mavsms_pol02 mavsms_pol02												
2019-07-23 19:02:35 2019-07-23 19:15:35 1658	SMSC	Incoming	16102996216 12679042737	12673108421	12673108421 12673108421	12673108421	310260072738688	356571084840190	Completed Successfully Completed Successfully	011:42	mavsms_pol02 CTTAS202	40451	3		300	40.0	69396	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152	
2019-07-23 19:31:57	SMSC SMSC	meoning	16102996216	12073100421	12673108421	120/3100421	310200072730000	330371004040130	Completed Successfully	011,42	mavsms_pol02	40431	,		300	40.0	03330	73.02370	2555 Weish No	i inidacipina		13131	
2019-07-23 19:33:48 2019-07-23 19:37:08 95	mtc	Incoming	12673108421 12673386653	12673108421	12673108421	12673108421	310260072738688	356571084840190	Completed Successfully Completed Successfully	041;11	mavsms_ttn02 CTTAS202	40451	3		300	40.0	69396	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152	
2019-07-23 19:42:05 2019-07-23 19:47:08 161	SMSC moc	Outgoing	16102996216 12673108421	12156989200	12673108421 12156989200	12156989200	310260072738688	356571084840190	Completed Successfully Completed Successfully		mavsms_pol02 CTTAS202	40451	3		300	40.0	69396	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152	
2019-07-23 19:49:56 101 2019-07-23 19:54:33	moc SMSC	Outgoing	12673108421 17324107217	12673386653	12673386653 12673108421	12673386653	310260072738688	356571084840190	Completed Successfully Completed Successfully		CTTAS202 mavsms pol02	40451	3		300	40.0	69396	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152	
2019-07-23 20:06:41 81 2019-07-23 20:37:29 89	mtc mtc	Incoming Incoming	12673386653 12673386653	12673108421 12673108421	12673108421 12673108421	12673108421 12673108421	310260072738688 310260072738688	356571084840190 356571084840190	Completed Successfully Completed Successfully	11 11	CTTAS202 CTTAS202	40451 40451	3		300 300		69396 69396	-75.02978 -75.02978	2555 Welsh Rd 2555 Welsh Rd	Philadelphia Philadelphia	PA PA	19152 19152	
2019-07-23 23:25:21 2019-07-23 23:26:11	SMSC SMSC		16102996216 12673108421		12673108421 16102996216				Completed Successfully Completed Successfully		mavsms_pol02 mavsms_pol01												
2019-07-23 23:26:23 4	moc	Outgoing	12673108421	12673386653	12673386653	12673386653	310260072738688		Completed Successfully		NYTAS002	40451	3		300		69396	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152	
2019-07-23 23:26:33 135 2019-07-23 23:29:27	mtc SMSC	Incoming	12673386653 16102996216	12673108421	12673108421 12673108421	12673108421	310260072738688	356571084840190	Completed Successfully Completed Successfully	11	NYTAS002 mavsms_pol02	40451	3		300	40.0	69396	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152	
2019-07-23 23:31:11 2019-07-23 23:31:12	SMSC SMSC		12673108421 16102996216		16102996216 12673108421				Completed Successfully Completed Successfully		mavsms_pol01 mavsms_pol02												
2019-07-23 23:31:13 2019-07-23 23:32:47	SMSC SMSC		16102996216 16102996216		12673108421 12673108421				Completed Successfully Completed Successfully		mavsms_pol02 mavsms_pol02												
2019-07-23 23:36:05 2019-07-23 23:40:44	SMSC SMSC		12673108421 16102996216		16102996216 12673108421				Completed Successfully Completed Successfully		mavsms_pol01												
2019-07-24 01:17:27	SMSC		16102996216		12673108421				Completed Successfully		mavsms_pol02 mavsms_pol02												
2019-07-24 01:17:28 2019-07-24 01:19:34	SMSC SMSC		16102996216 12673108421		12673108421 16102996216				Completed Successfully Completed Successfully		mavsms_pol02 mavsms_ttn03												
2019-07-24 01:20:03 2019-07-24 01:20:27	SMSC SMSC		16102996216 12673108421		12673108421 16102996216				Completed Successfully Completed Successfully		mavsms_pol02 mavsms_pol03												
2019-07-24 01:52:20 2019-07-24 02:34:33	SMSC SMSC		17324107217 16102996216		12673108421 12673108421				Completed Successfully Completed Successfully		mavsms_pol02 mavsms_pol02												
2019-07-24 02:41:26 2019-07-24 02:43:03	SMSC		12673108421		16102996216				Completed Successfully Completed Successfully		mavsms_pol02 mavsms_ttn01												
2019-07-24 02:44:17	SMSC		16102996216		12673108421				Completed Successfully		mavsms_pol02												
2019-07-24 02:51:32 2019-07-24 02:52:23	SMSC SMSC		16102996216 12673108421		12673108421 16102996216				Completed Successfully Completed Successfully		mavsms_pol02 mavsms_ttn02												
2019-07-24 03:07:51 299 2019-07-24 03:26:57 68	mtc mtc	Incoming Incoming	12673386653 12673386653	12673108421 12673108421	12673108421 12673108421	12673108421 12673108421	310260072738688 310260072738688	356571084840190 356571084840190	Completed Successfully Completed Successfully	11 11	NYTAS002 NYTAS002	40451 40451	3		300 300		69396 69396	-75.02978 -75.02978	2555 Welsh Rd 2555 Welsh Rd	Philadelphia Philadelphia	PA PA	19152 19152	
2019-07-24 03:48:55 160 2019-07-24 04:31:27 3	mtc mtc	Incoming Incoming	12673386653 12673386653	12673108421 12673108421	12673108421 12673108421	12673108421 12673108421	310260072738688 310260072738688	356571084840190 356571084840190	Completed Successfully Completed Successfully	11 029;11	NYTASO02 NYTASO02	40451 40451	3		300 300		69396 69396	-75.02978 -75.02978	2555 Welsh Rd 2555 Welsh Rd	Philadelphia Philadelphia	PA PA	19152 19152	
2019-07-24 04:31:36 3 2019-07-24 04:32:35	moc mtc	Outgoing Incoming	12673386653 12673386653	18056377249 12673108421	18056377249 12673108421	14699829999 12673108421	310260072738688 310260072738688	356571084840190 356571084840190	Completed Successfully Abnormal Completion	29 11	NYTASO02 NYTASO02	40451 40451	3		300 300		69396 69396	-75.02978 -75.02978	2555 Welsh Rd 2555 Welsh Rd	Philadelphia Philadelphia	PA PA	19152 19152	
2019-07-24 05:13:34 3	moc	Outgoing	12673108421	12673386653	12673386653	12673386653	310260072738688	356571084840190	Completed Successfully		NYTAS002	40451	3		300	40.0	69396	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152	
2019-07-24 05:19:47 10 2019-07-24 06:08:25 17	mtc mtc	Incoming Incoming	12673386653 12673386653	12673108421 12673108421	12673108421 12673108421	12673108421 12673108421	310260072738688 310260072738688	356571084840190 356571084840190	Completed Successfully Completed Successfully	11 11	NYTASO02 NYTASO02	40451 40451	3		300 300	40.0	69396 69396	-75.02978 -75.02978	2555 Welsh Rd 2555 Welsh Rd	Philadelphia Philadelphia	PA PA	19152 19152	
2019-07-24 06:10:53 5 2019-07-24 06:10:56 5	mtc moc	Incoming Outgoing	12673386653 12673386653	12673108421 18056377249	12673108421 18056377249	12673108421 14699829999	310260072738688 310260072738688	356571084840190 356571084840190	Completed Successfully Completed Successfully	029;11 29	NYTASO02 NYTASO02	40451 40451	3		300 300	40.0	69396 69396	-75.02978 -75.02978	2555 Welsh Rd 2555 Welsh Rd	Philadelphia Philadelphia	PA PA	19152 19152	
2019-07-24 06:11:09 4 2019-07-24 06:11:41 4	mtc moc	Incoming Outgoing	12673386653 12673386653	12673108421 18056377249	12673108421 18056377249	12673108421 14699829999	310260072738688 310260072738688	356571084840190 356571084840190	Completed Successfully Completed Successfully	02A;11 02A	NYTASO02 NYTASO02	40451 40451	3		300 300		69396 69396	-75.02978 -75.02978	2555 Welsh Rd 2555 Welsh Rd	Philadelphia Philadelphia	PA PA	19152 19152	
2019-07-24 06:11:53 104 2019-07-24 06:14:17 10	mtc moc	Incoming Outgoing	12673386653 12673108421	12673108421 12673386653	12673108421 12673386653	12673108421 12673386653	310260072738688 310260072738688	356571084840190 356571084840190	Completed Successfully Completed Successfully	11	NYTASO02 NYTASO02	40451 40451	3		300 300		69396 69396	-75.02978 -75.02978	2555 Welsh Rd 2555 Welsh Rd	Philadelphia Philadelphia	PA PA	19152 19152	
2019-07-24 06:17:24 29 2019-07-24 06:27:02 12	mtc mtc	Incoming	12673386653 12673386653	12673108421 12673108421	12673108421 12673108421	12673108421 12673108421	310260072738688 310260072738688	356571084840190 356571084840190	Completed Successfully Completed Successfully	11 11	NYTASO02 NYTASO02	40451 54454	3		300	40.0	69396 07417	-75.02978 -75.03457	2555 Welsh Rd 7425 State Rd	Philadelphia Philadelphia	PA PA	19152 19136	
2019-07-24 06:36:58 3	mtc	Incoming	12673386653	12673108421	12673108421	12673108421	310260072738688	356571084840190	Completed Successfully	029;11	NYTAS002	42741	1		20	40.0	74075	-75.038056 2	350 Tremont Street #10	) Philadelphia	PA	19115	
2019-07-24 06:37:28 3 2019-07-24 06:37:40 5	moc mtc	Outgoing Incoming	12673386653 12673386653	18056377249 12673108421	18056377249 12673108421	14699829999 12673108421	310260072738688 310260072738688	356571084840190 356571084840190	Completed Successfully Completed Successfully	29 11	NYTASO02 NYTASO02	42741 42741	1		20		74075 74075		350 Tremont Street #10 350 Tremont Street #10		PA PA	19115 19115	
2019-07-24 10:05:56 2019-07-24 10:05:56	SMSC SMSC		12673108421 12673108421		16102996216 16102996216				Completed Successfully Completed Successfully		mavsms_pol01 mavsms_ttn02												
2019-07-24 10:06:35 2019-07-24 11:31:11 24	SMSC mtc	Incoming	12673108421 12673386653	12673108421	16102996216 12673108421	12673108421	310260072738688	356571084840190	Completed Successfully Completed Successfully	11	mavsms_pol01 PHTAS002	40451	3		300	40.0	69396	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152	
2019-07-24 11:34:26 2019-07-24 11:55:33	SMSC SMSC		12673108421 16102996216		16102996216 12673108421				Completed Successfully Completed Successfully		mavsms_ttn01 mavsms_pol02									•			
2019-07-24 11:55:35 2019-07-24 12:00:03 2019-07-24 14:06:25	SMSC		12673108421		16102996216 12673108421				Completed Successfully Completed Successfully		mavsms_ttn02												
2019-07-24 14:24:50 37	mtc	Incoming	12154275000	12673108421	12673108421	12673108421	310260072738688		Completed Successfully	02A;11	mavsms_pol02 PHTAS002	40451	3		300		69396	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152	
2019-07-24 14:25:22 37 2019-07-24 14:26:01	moc SMSC	Outgoing	12154275000 128	18056377249	18056377249 12673108421	14699829999	310260072738688	3505/1084840190	Completed Successfully Completed Successfully	02A	PHTAS002 mavsms_pol02	40451	3		300	40.0	69396	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152	
2019-07-24 14:26:02 2019-07-24 14:52:58	SMSC SMSC		128 17324104129		12673108421 12673108421				Completed Successfully Completed Successfully		mavsms_pol02 mavsms_pol02												
2019-07-24 14:54:07 2019-07-24 14:54:08	SMSC SMSC		17324107217 17324107217		12673108421 12673108421				Completed Successfully Completed Successfully		mavsms_pol02 mavsms_pol02												
2019-07-24 15:47:03 2019-07-24 15:47:03	SMSC SMSC		12673108421 18446329012		18446329012 12673108421				Completed Successfully Completed Successfully		mavsms_pol02 mavsms pol02												
2019-07-24 16:32:42 358	moc	Outgoing	12673108421	2154275929	2154275929	12154275929	310260072738688	356571084840190	Completed Successfully		PHTAS002	40451	3		300	40.0	69396	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152	
2019-07-24 17:09:37 2019-07-24 17:34:53 18	SMSC mtc	Incoming	17324107217 12673386653	12673108421	12673108421 12673108421	12673108421	310260072738688		Completed Successfully Completed Successfully	11	mavsms_pol02 PHTAS002	40451	3		300		69396	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152	
2019-07-24 17:35:18 3 2019-07-24 17:35:20 3	mtc moc	Incoming Outgoing	12673386653 12673386653	12673108421 18056377249	12673108421 18056377249	12673108421 14699829999	310260072738688 310260072738688	356571084840190 356571084840190	Completed Successfully Completed Successfully	029;11 29	PHTAS002 PHTAS002	40451 40451	3		300 300	40.0	69396 69396	-75.02978 -75.02978	2555 Welsh Rd 2555 Welsh Rd	Philadelphia Philadelphia	PA PA	19152 19152	
2019-07-24 17:35:26 3 2019-07-24 17:35:29 3	mtc moc	Incoming Outgoing	12673386653 12673386653	12673108421 18056377249	12673108421 18056377249	12673108421 14699829999	310260072738688 310260072738688	356571084840190 356571084840190	Completed Successfully Completed Successfully	029;11 29	PHTAS002 PHTAS002	40451 40451	3		300 300		69396 69396	-75.02978 -75.02978	2555 Welsh Rd 2555 Welsh Rd	Philadelphia Philadelphia	PA PA	19152 19152	
2019-07-24 17:38:08 3 2019-07-24 17:38:11 3	mtc moc	Incoming Outgoing	12673386653 12673386653	12673108421 18056377249	12673108421 18056377249	12673108421 14699829999	310260072738688 310260072738688	356571084840190 356571084840190	Completed Successfully Completed Successfully	029;11 29	PHTAS002 PHTAS002	40451 40451	3		300 300	40.0	69396 69396	-75.02978 -75.02978	2555 Welsh Rd 2555 Welsh Rd	Philadelphia Philadelphia	PA PA	19152 19152	
2019-07-24 18:07:05 5	moc	Outgoing	12673108421	6102722946 12673108421	6102722946	16102722946 12673108421	310260072738688 310260072738688	356571084840190 356571084840190	Completed Successfully	29	PHTAS002	40451 40451	3		300 300	40.0	69396 69396	-75.02978 -75.02978	2555 Welsh Rd	Philadelphia	PA PA	19152 19152	
2019-07-24 18:31:45 10 2019-07-24 18:31:45	mtc mtc	Incoming	12678330107 2678330107	12673108421	12673108421 12673108421	12673108421	310260072738688	356571084840190	Completed Successfully Abnormal Completion	11	NYTASO01 NYTASO01	40451	3		300	40.0	69396	-75.02978	2555 Welsh Rd 2555 Welsh Rd	Philadelphia Philadelphia	PA	19152	
2019-07-24 18:31:46 10 2019-07-24 18:51:40	moc mtc	Outgoing Incoming	12678330107 12673386653	18056377249 12673108421	18056377249 12673108421	14699829999 12673108421	310260072738688 310260072738688	356571084840190 356571084840190	Completed Successfully Abnormal Completion	29 11	NYTASO01 NYTASO01	40451 42772	3 10		300 120		69396 39099	-75.02978 -75.067389	2555 Welsh Rd 6632 Bustleton Ave	Philadelphia Philadelphia	PA PA	19152 19149	
2019-07-24 19:01:16 2019-07-24 20:24:23	SMSC mtc	Incoming	17324107217 12673386653	12673108421	12673108421 12673108421	12673108421	310260072738688	356571084840190	Completed Successfully Abnormal Completion	11	mavsms_pol02 PHTAS002	42668	4		17	40.0	03359	-75.121815	401 East Tioga Street	Philadelphia	PA	19134	
2019-07-24 21:00:55 2 2019-07-24 21:00:55	moc callForwarding	Outgoing	12673386653 2673386653	18056377249 18056377249	18056377249 18056377249	14699829999 18056377249	310260072738688 310260072738688	356571084840190	Completed Successfully Abnormal Completion	02B 011;2B	PHTAS002 NYMSS315	42668	4										
2019-07-24 21:20:39 2019-07-24 21:28:19	mtc mtc	Incoming Incoming	12673270913 12679271952	12673108421 12673108421	12673108421 12673108421	12673108421 12673108421	310260072738688 310260072738688	356571084840190 356571084840190	Abnormal Completion Abnormal Completion	11 11	PHTASO02 PHTASO02	42668 42668	4		17 17		03359 03359		401 East Tioga Street 401 East Tioga Street	Philadelphia Philadelphia	PA PA	19134 19134	
2019-07-24 22:09:21 2019-07-25 00:50:41 157	moc	Outgoing	12673108421 12673386653	12679042737 12673108421	12679042737 12673108421	12679042737 12673108421	310260072738688 310260072738688	356571084840190 356571084840190	Abnormal Completion Completed Successfully	11	PHTASO02 NJTAS202	42670 46279	2		150 90	40.0	19448 05681	-75.123055 60	0-62 East Courtland Street 4035-37 Orchard ST		PA PA	19120 19124	
2013-07-25 00:50:41 157	mtc	nicoming	120/3380033	120/3108421	120/3108421	120/3108421	3102000/2/38688	J2027108484U19U	Completed Successfully	11	NJ IASZUZ	402/9	,		90	40.0	07001	-73.000929	4033-37 Orchard 51	rimadeipnia	rA	19124	

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2019-07-25	01:03:10	285	mtc	Incoming	12673386653	12673108421	12673108421	12673108421	310260072738688	356571084840190	Completed Successfully	11	NJTAS202	46629	8	250	40.01219	-75.06237	5458 Tacony St	Philadelphia	PA	19137
2019-07-25	01:08:24	19	mtc	Incoming	12673386653	12673108421	12673108421	12673108421	310260072738688	356571084840190	Completed Successfully	11	NJTAS202	42737	1	40	40.02801	-75.0585	6325 Frankford Ave.	Philadelphia	PA	19135
2019-07-25	01:09:00	3	moc	Outgoing	12673108421	12673386653	12673386653	12673386653	310260072738688	356571084840190	Completed Successfully		NJTAS202	47811	1		40.03374	-75.04701	7425 State Rd	Philadelphia	PA	19136
2019-07-25	01:09:15	79	moc	Outgoing	12673108421	12673386653	12673386653	12673386653	310260072738688	356571084840190	Completed Successfully	42	NJTAS202	47811	1		40.03374	-75.04701	7425 State Rd	Philadelphia	PA	19136
2019-07-25	01:11:22		mtc	Incoming	12673386653	12673108421	12673108421	12673108421	310260072738688	356571084840190	Abnormal Completion	11	NJTAS202	42597	10	190	40.03639	-75.04222	7232 Frankford Ave.	Philadelphia	PA	19135
2019-07-25	01:21:43		mtc	Incoming	12673386653	12673108421	12673108421	12673108421	310260072738688	356571084840190	Abnormal Completion	11	NJTAS202	40451	1	130	40.068761	-75.029483	2555 Welsh Rd	Philadelphia	PA	19152
2019-07-25	01:23:23	3	moc	Outgoing	12673108421	12673386653	12673386653	12673386653	310260072738688	356571084840190	Completed Successfully	**	NJTAS202	42324	5	170	40.08087	-75.02695	9501 Roosevelt Blvd.	Philadelphia	PA	19114
2019-07-25	01:23:30	6	moc	Outgoing	12673108421	12673386653	12673386653	12673386653	310260072738688	356571084840190	Completed Successfully		NJTAS202	42324	5	170	40.08087	-75.02695	9501 Roosevelt Blvd.	Philadelphia	PΔ	19114
2019-07-25	01:32:15	12	mtc	Incoming	12673386653	12673108421	12673108421	12673108421	310260072738688	356571084840190	Completed Successfully	029;11	NJTAS202	40451	2	300	40.069396	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152
2019-07-25	01:32:21	12	moc	Outgoing	12673386653	18056377249	18056377249	14699829999	310260072738688	356571084840190	Completed Successfully	29	NJTAS202	40451	2	300	40.069396	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152
2019-07-25	01:32:21	0	mtc	Incoming	12673386653	12673108421	12673108421	12673108421	310260072738688	356571084840190	Completed Successfully	11	NJTAS202	40451	2	300	40.069396	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152
2019-07-25	01:36:39	32	mtc	Incoming	12673386653	12673108421	12673108421	12673108421	310260072738688	356571084840190	Completed Successfully	11	NJTAS202	40451	2	300	40.069396	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152
2019-07-25	01:37:18	25	mtc		12673386653	12673108421	12673108421	12673108421	310260072738688	356571084840190	Completed Successfully	11	NJTAS202	40451	2	300	40.069396	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152
		16		Incoming								11			3						PA	
2019-07-25	01:37:49	16	mtc	Incoming	12673386653	12673108421	12673108421	12673108421	310260072738688	356571084840190	Completed Successfully	11	NJTAS202	40451	3	300	40.069396	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152
2019-07-25	02:26:38		SMSC		16102996216		12673108421				Completed Successfully		mavsms_pol02		_							
2019-07-25	02:39:36		mtc	Incoming	12673691033	12673108421	12673108421	12673108421	310260072738688	356571084840190	Abnormal Completion	11	NJTAS202	40451	3	300	40.069396	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152
2019-07-25	02:57:28		mtc	Incoming	12673386653	12673108421	12673108421	12673108421	310260072738688	356571084840190	Abnormal Completion	11	NJTAS202	40451	3	300	40.069396	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152
2019-07-25	03:03:03	13	moc	Outgoing	12673108421	12673691033	12673691033	12673691033	310260072738688	356571084840190	Completed Successfully		NJTAS202	40451	3	300	40.069396	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152
2019-07-25	03:03:24		moc	Outgoing	12673108421	12673386653	12673386653	12673386653	310260072738688	356571084840190	Abnormal Completion		NJTAS202	40451	3	300	40.069396	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152
2019-07-25	03:24:17	927	mtc	Incoming	12679042737	12673108421	12673108421	12673108421	310260072738688	356571084840190	Completed Successfully	11	NJTAS202	40451	3	300	40.069396	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152
2019-07-25	03:50:16		mtc	Incoming	12673386653	12673108421	12673108421	12673108421	310260072738688	356571084840190	Abnormal Completion	11	NJTAS202	40451	3	300	40.069396	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152
2019-07-25	03:52:22	522	moc	Outgoing	12673108421	12673386653	12673386653	12673386653	310260072738688	356571084840190	Completed Successfully		NJTAS202	40451	3	300	40.069396	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152
2019-07-25	04:50:56	243	mtc	Incoming	12673386653	12673108421	12673108421	12673108421	310260072738688	356571084840190	Completed Successfully	11	NJTAS202	40451	3	300	40.069396	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152
2019-07-25	14:46:41	5	mtc	Incoming	12672938342	12673108421	12673108421	12673108421	310260072738688	356571084840190	Completed Successfully	02A;11	NYTAS002	40451	3	300	40.069396	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152
2019-07-25	14:47:14	5	moc	Outgoing	12672938342	18056377249	18056377249	14699829999	310260072738688	356571084840190	Completed Successfully	02A	NYTAS002	40451	3	300	40.069396	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152
2019-07-25	14:51:34	2	mtc	Incoming	12673386653	12673108421	12673108421	12673108421	310260072738688	356571084840190	Completed Successfully	02A;11	NYTAS002	40451	3	300	40.069396	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152
2019-07-25	14:52:07	2	moc	Outgoing	12673386653	18056377249	18056377249	14699829999	310260072738688	356571084840190	Completed Successfully	02A	NYTAS002	40451	3	300	40.069396	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152
2019-07-25	14:52:13		mtc	Incoming	12673386653	12673108421	12673108421	12673108421	310260072738688	356571084840190	Abnormal Completion	02A;11	NYTAS002	40451	3	300	40.069396	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152
2019-07-25	14:52:45		moc	Outgoing	12673386653	18056377249	18056377249	18056377249	310260072738688	356571084840190	Abnormal Completion	02A	NYTAS002	40451	3	300	40.069396	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152
2019-07-25	14:52:50	110	mtc	Incoming	12673386653	12673108421	12673108421	12673108421	310260072738688	356571084840190	Completed Successfully	11	NYTAS002	40451	3	300	40.069396	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152
2019-07-25	14:57:25	27	mtc	Incoming	12673386653	12673108421	12673108421	12673108421	310260072738688	356571084840190	Completed Successfully	11	NYTAS002	40451	3	300	40.069396	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152
2019-07-25	14:58:32	2	mtc	Incoming	12673386653	12673108421	12673108421	12673108421	310260072738688	356571084840190	Completed Successfully	02A;11	NYTAS002	40451	3	300	40.069396	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152
2019-07-25	14:59:04	2	moc	Outgoing	12673386653	18056377249	18056377249	14699829999	310260072738688	356571084840190	Completed Successfully	02A	NYTAS002	40451	3	300	40.069396	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152
2019-07-25	15:02:05	172	mtc	Incoming	12673386653	12673108421	12673108421	12673108421	310260072738688	356571084840190	Completed Successfully	11	NYTAS002	40451	3	300	40.069396	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152
2019-07-25	15:24:34	3	mtc	Incoming	12673386653	12673108421	12673108421	12673108421	310260072738688	356571084840190	Completed Successfully	02A;11	NYTAS002	40451	3	300	40.069396	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152
2019-07-25	15:25:07	3	moc	Outgoing	12673386653	18056377249	18056377249	14699829999	310260072738688	356571084840190	Completed Successfully	02A	NYTAS002	40451	3	300	40.069396	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152
2019-07-25	18:09:29		mtc	Incoming	12673386653	12673108421	12673108421	12673108421	310260072738688	356571084840190	Abnormal Completion	02A;11	NYTAS002	40451	3	300	40.069396	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152
2019-07-25	18:10:00		moc	Outgoing	12673386653	18056377249	18056377249	18056377249	310260072738688	356571084840190	Abnormal Completion	02A	NYTAS002	40451	3	300	40.069396	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152
2019-07-25	18:11:54	297	mtc	Incoming	12673386653	12673108421	12673108421	12673108421	310260072738688	356571084840190	Completed Successfully	11	NYTAS002	40451	3	300	40.069396	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152
2019-07-25	19:48:24		SMSC		9701		12673108421				Completed Successfully		mavsms pol01									
2019-07-25	19:58:03	8	mtc	Incoming	16092847835	12673108421	12673108421	12673108421	310260072738688	356571084840190	Completed Successfully	11	CTTAS202	40451	3	300	40.069396	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152
2019-07-25	21:03:45		moc	Outgoing	12673108421	12673386653	12673386653	12673386653	310260072738688	356571084840190	Abnormal Completion		CTTAS202	40451	1	130	40.068761	-75.029483	2555 Welsh Rd	Philadelphia	PA	19152
2019-07-25	21:05:28	421	mtc	Incoming	12673386653	12673108421	12673108421	12673108421	310260072738688	356571084840190	Completed Successfully	11	CTTAS202	40451	1	130	40.068761	-75.029483	2555 Welsh Rd	Philadelphia	PA	19152
2019-07-25	22:28:53		SMSC		16102996216		12673108421				Completed Successfully		mavsms_pol02									
2019-07-25	22:29:34		SMSC		12673108421		16102996216				Completed Successfully		mavsms pol01									
2019-07-25	22:30:50		SMSC		16102996216		12673108421				Completed Successfully		mavsms pol02									
2019-07-25	22:32:59		SMSC		12673108421		16102996216				Completed Successfully		mavsms pol01									
2019-07-25	22:33:48		SMSC		16102996216		12673108421				Completed Successfully		mavsms pol02									
2019-07-25	22:34:20		SMSC		12673108421		16102996216				Completed Successfully		mavsms pol01									
2019-07-25	22:36:16		SMSC		16102996216		12673108421				Completed Successfully		mavsms pol02									
2019-07-25	22:36:35		SMSC		12673108421		16102996216				Completed Successfully		mavsms ttn03									
2019-07-25	23:12:59		SMSC		16102996216		12673108421				Completed Successfully		mavsms_pol02									
2019-07-25	23:12:59		SMSC		12673108421		16102996216				Completed Successfully		mavsms pol02									
2019-07-25	23:13:59	172	moc	Outgoing	12673108421	12673386653	12673386653	12673386653	310260072738688	356571084840190	Completed Successfully		CTTAS202	40451	3	300	40.069396	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152
2019-07-25		1/2	SMSC	Outgoing	16102996216	22073300033	12673108421	12073300033	320200072730000	330371004040190	Completed Successfully		mavsms pol02	40431	3	300	40.003330	-13.02310	2333 WEISH NU	· Illiaucipilid		19132
2019-07-25	23:15:11	422	SIVISC		16102996216	42572400424	126/3108421	42672400424	240250072720500	355574004040400	Completed Successfully		mavsms_poiuz	40454	-	200	40.000000	75.02070	acce with a	Blotte de Lebre	DA.	40453

T··Mobile·

Law Enforcement Relations Group 4 Sylvan Way Parsippany, NJ 07054 Direct Dial: 973-292-8911 Fax: (973) 292-8697

### NOTICE REGARDING TIMESTAMP ON TMUS CALL DETAIL RECORDS

T-Mobile US, Inc. (which includes T-Mobile USA and Metro PCS) stores and maintains call detail records in several different native formats. The most current call detail records are stored and maintained in Coordinated Universal Time ("UTC"). UTC is not a time zone, but a time standard that is the basis for civil time and time zones worldwide. UTC operates independently of country specific time zones and/or seasonal adjustments, such as Daylight Savings Time. Older call detail records are stored and maintained in the time zone associated with the user's location at the time of the call. UTC is the equivalent of GMT.

If you received call detail records in a spreadsheet format, they are timestamped in UTC. If call records have been produced, the transactions reflect UTC timestamps that correspond with the dates and times specifically identified in the legal demand.

A list of the most commonly requested records is listed below, together with the associated native formats.

VOICE CALLS, CELL SITES, SMS - Most recent 24 months UTC

VOICE CALLS - Older than 24 months (postpaid only)

User Location at time of call

SMS - Older than 24 months (postpaid only)

MMS - any age (if available)

PST/PDT

Data Sessions - up to 180 days

UTC

The resources below will assist your preparation of a description of records that corresponds with UTC.

To convert records to your local time, you will need to use a converter, such as: <a href="http://www.worldtimeserver.com/convert\_time\_in\_UTC.aspx">http://www.worldtimeserver.com/convert\_time\_in\_UTC.aspx</a>

For more information on UTC, you may visit: http://www.timeanddate.com/time/aboututc.html

Any questions regarding this notice may be directed to <u>LER2@T-Mobile.com</u>. Please be sure to include the Tracking ID that appears of the initial response with all questions and inquiries.

# 

#### Interpreting Call Detail Records

Your response includes Call Detail Records (CDR) either with or without location. Our query results in an Excel file with multiple columns. This is a combined report of calls and messages. Each row represents one call on the T-Mobile network. Some fields only appear in reports with location information. T-Mobile does not retain the content of text messages.

Calls made while roaming also do not appear on this report.

As of February 2020, T-Mobile retains the metadata for certain types of 4G/LTE based text messages (SMSc and RCS) for only 22 months. If your records contain detail older than 22 months from the date of production, these messages may not be represented. T-Mobile still retains details of all network originated voice transactions for 24 months.

Entries with outgoing calls to 8056377249 indicate incoming calls that are forwarded (out) to the voicemail system. Entries with outgoing calls to 8056377243 = 805-MESSAGE indicate voicemail retrieval.

Please remember that T-Mobile CDR systems natively use Coordinated Universal Time (UTC). By default, that means a day of call detail records are taken from 00:00:01 to 23:59:59 UTC which may differ from your intended time range due to your time zone. If specific times other than our default are important to your inquiry, please submit legal demands with the date range/time frame adjusted for UTC to avoid delay or confusion. We are unable to convert the time displayed in the records to the local time of the handset.

The columns present on your CDR may be:

COLUMN NAME	DESCRIPTION	LOCATION RPT ONLY?	NOTES
Date	Date format mm/dd/yyyy	NO	
(UTC) Time	24 hour time format - hh:mm:ss in UTC	NO	In UTC time
Duration	Duration in seconds	NO	
Call Type	Type of call: callForwarding = Forwarded Call; msOriginating = Outgoing Voice Call; msTerminating = Incoming Voice; msOriginatingSMSinMSC = Outgoing SMS; msTerminatingSMSinMSC = Incoming SMS; moc=Mobile Originating Call; mtc= Mobile Terminating Call; SMSc = text message; RCS-IMChat = rich content message, multimedia and text	NO	Cell Site location is not available for Call Types SMSc and RCS-IMChat  For SMSc messaging, T-Mobile provides record of any activity between the requested target number and any other customers utilizing the T-Mobile network for the time and date range requested regardless if the target number currently is/was assigned to T-Mobile or a T-Mobile wholesale partner.
Direction	Outgoing or Incoming to the target telephone number	NO	
Calling Number	Phone number that initiated the call	NO	
Dialed Number	Dialed digits	NO	
Called Number	Phone number that received the call	NO	
Destination Number	The final destination number to which the network has connected the call (might be different from the one dialed by subscriber if network translation was applied)	NO	
IMSI	International Mobile Subscriber Identity of the target number, if present	NO	
IMEI	International Mobile Equipment Identity of the target number, if present	NO	
Completion Code	Completed successfully or Abnormal Completion (network interruption).  Abnormal completion calls display on this report but may or may not show on a customer's bill.	NO	

**FXHIBIT 1** 



## 

Service Code	11 Calling line identification presentation 12 Calling line identification restriction 13 Connected Line ID Presentation 20 All Call Forwarding Services 21 Call Forwarding Unconditional (CFU) 28 All Cond Call Forwarding Services 29 Call Forwarding on Mobile Subscriber Busy (CFB) 2A Call Forwarding on No Reply (CFNRy) 2B Call Forwarding on Not Reachable (CFNRc) 31 Explicit Call Transfer (ECT) 42 Call Hold 41 Call waiting 51 Multi-Party (MPTY)	NO	
Switch Name	Name of the switch which was used to deliver the call to the target number.	NO	This is NOT an indication of the location of the device.
1st LTE Site ID	EnodeBid value in decimal	YES	Only present if the call was over LTE
1st LTE Sector ID	ID of the first sector used if the site is an LTE site	YES	Only present if the call was over LTE
1st LAC	1st LAC value in decimal	YES	Not present if the call was over LTE
1st Cell ID	1st Cell Site ID value in decimal	YES	Not present if the call was over LTE
1st Tower Azimuth	Location: Azimuth orientation of antenna serving user if available (see	YES	
1st Tower LAT	Latitude of 1st cell tower used.	YES	
1st Tower LONG	Longitude of 1st cell tower used.	YES	
1st Tower Address	Street Address of the 1st serving tower if available	YES	
1st Tower City	City of the 1st serving tower if available	YES	
1st Tower State	State of the 1st serving tower if available	YES	
1st Tower Zip	ZIP of the 1st serving tower if available	YES	
Last LTE Site ID	EnodeBid value in decimal	YES	Only present if the call was over LTE
Last LTE Sector ID	ID of the last sector used if the site is an LTE site	YES	Only present if the call was over LTE
Last LAC ID	Last LAC value in decimal	YES	Not present if the call was over LTE
Last Cell ID	Last Cell Site ID value in decimal	YES	Not present if the call was over LTE
Last Tower Azimuth	Azimuth orientation of antenna serving user if available (see note below)	YES	
Last Tower LAT	Latitude of last cell tower used.	YES	
Last Tower LONG	Longitude of last cell tower used.	YES	
Last Tower Address	Street Address of the last serving tower if available	YES	
Last Tower City	City of the last serving tower if available	YES	
Last Tower State	State of the last serving tower if available	YES	
Last Tower Zip	ZIP of the last serving tower if available	YES	

A NOTE ON AZIMUTH: The azimuth listed is the center compass degree facing of the identified sector of the tower. Generally, the coverage of a tower is circular and divided in three equal pieces (each 120 degrees wide). Due north is 0, due south is 180. However, not every tower is aligned with the first sector starting at 0. Using the listed azimuth, rough direction from the tower can be calculated for a call. The center degree of the sector's facing is indicated in this field. For example, if a facing has a listed orientation of 90, the center of the coverage is pointed at 90 degrees but the sector will cover traffic from roughly 60 degrees on either side (thus 30 to 150 degrees in this example).

For more information on UTC, please visit: http://www.timeanddate.com/time/aboututc.html. To convert records to your local time, you will need to use a converter such as http://www.worldtimeserver.com/convert\_time\_in\_UTC.aspx.